

FIG. 1

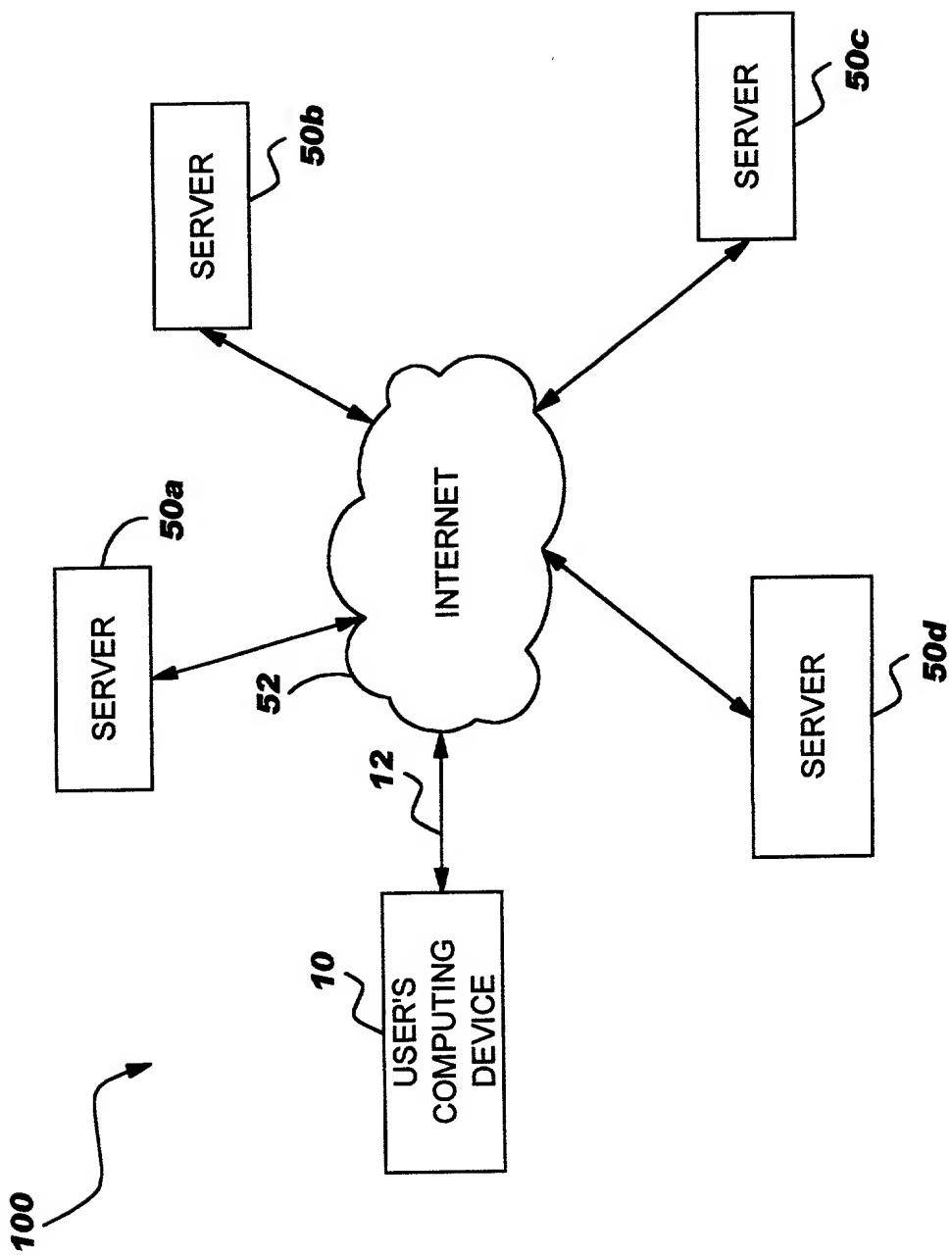


FIG. 2

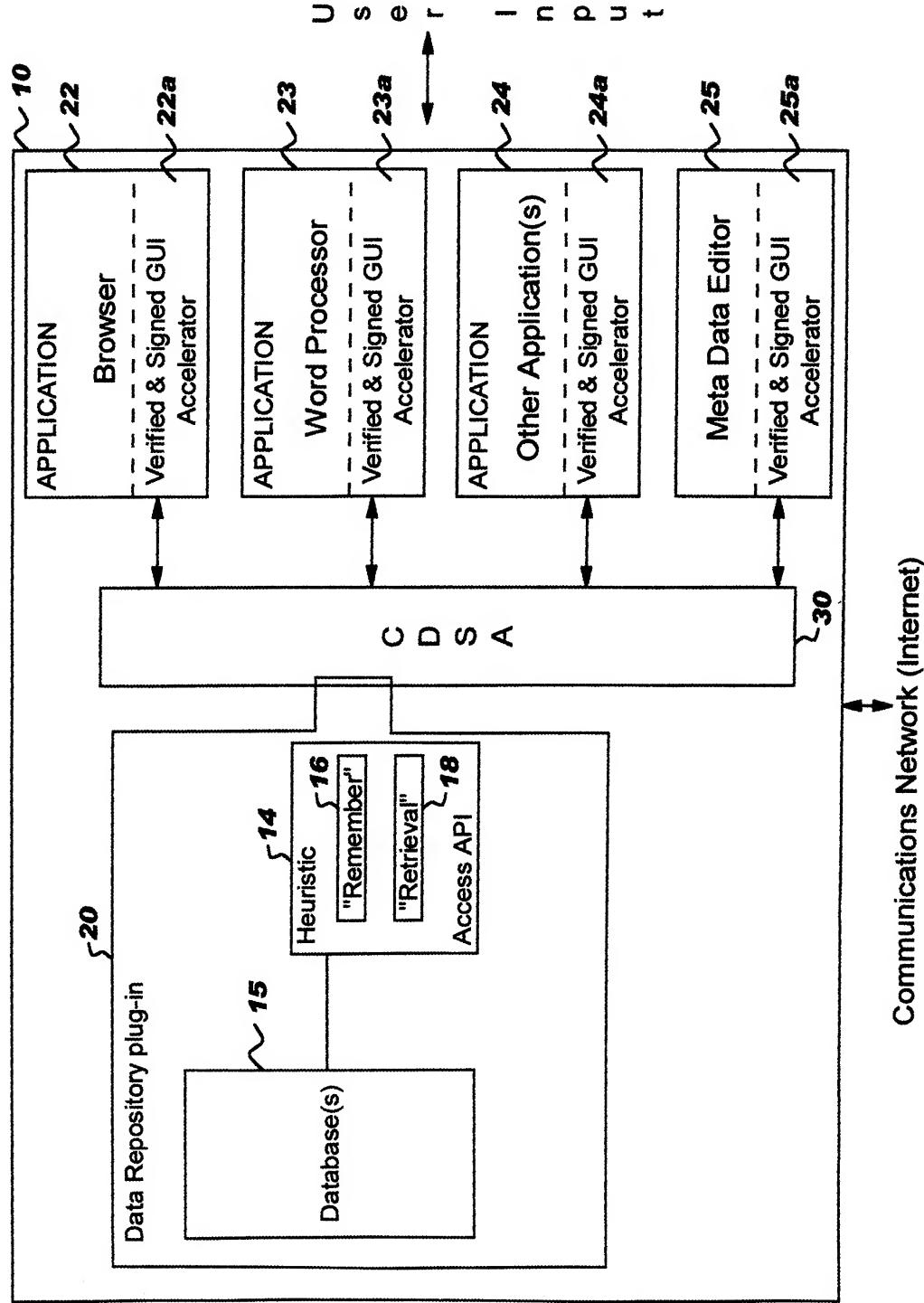


FIG. 3A

http://www.ibm.com

CUSTOMER INFORMATION

User ID 41

Pass Code 42

Submit 43

⋮

40

FIG. 3B

44 ~ (V, MPeters)
(fieldname, euser)
(descript, User ID)
(form, customerinfo)

45 { (URL, <http://www.ibm.com>)
(RefURL, <http://www.ibm.product.com>)
(role, manager) } Meta Data Group A

46 ~ (V, 123)
(fieldname, verification)
(descript, Pass Code)
(form, customerinfo)

47 { (URL, <http://www.ibm.com>)
(RefURL, <http://www.ibm.product.com>)
(role, manager) } Meta Data Group B

⋮

FIG. 4

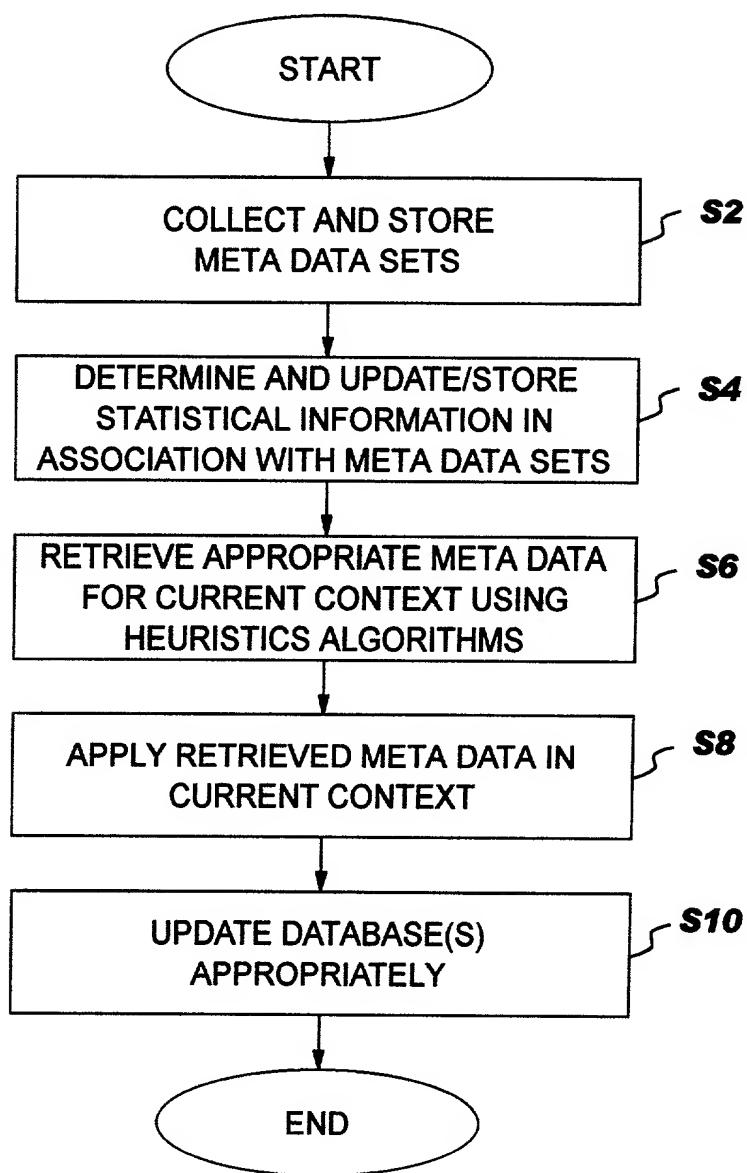


FIG. 5

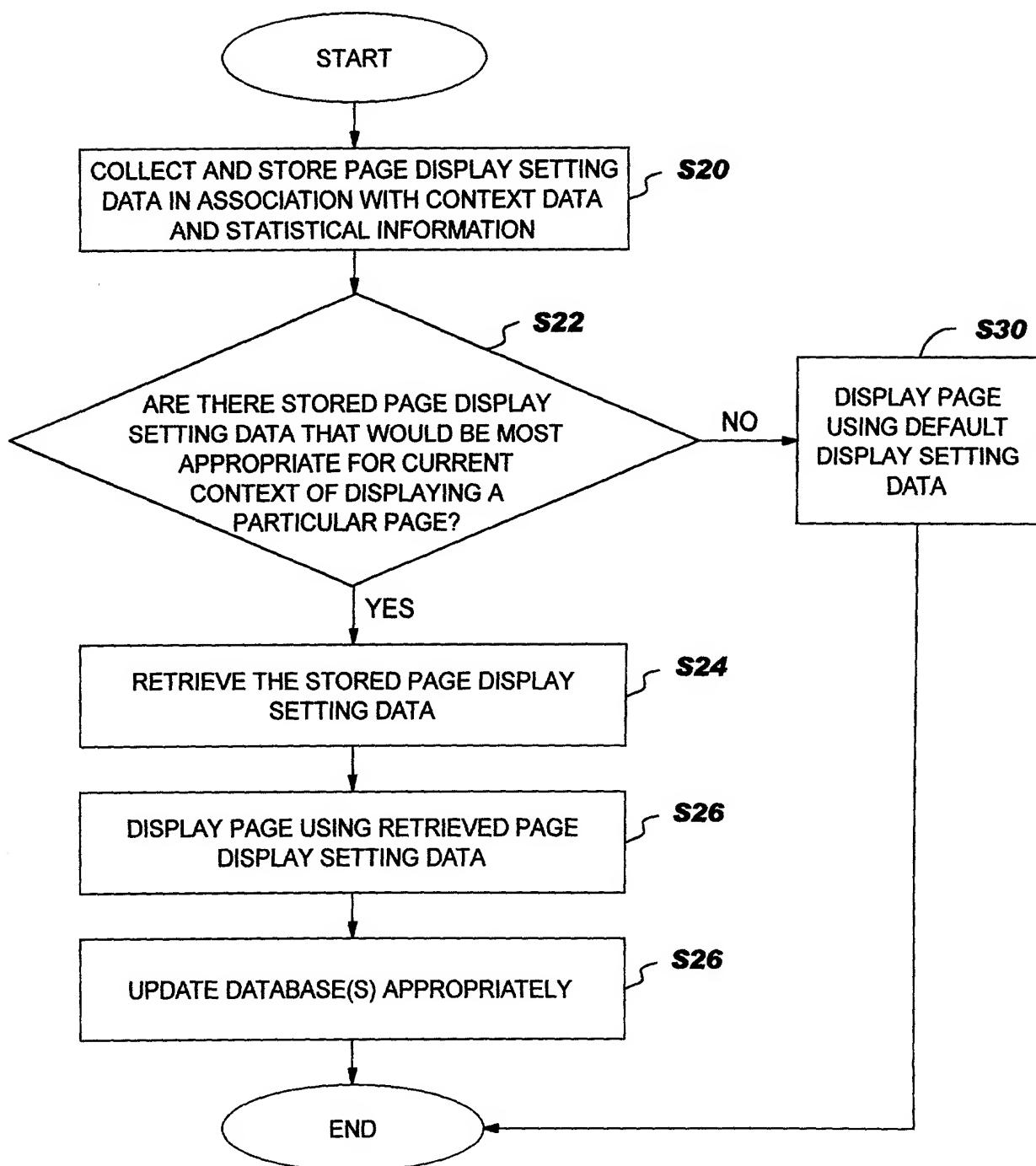


FIG. 6

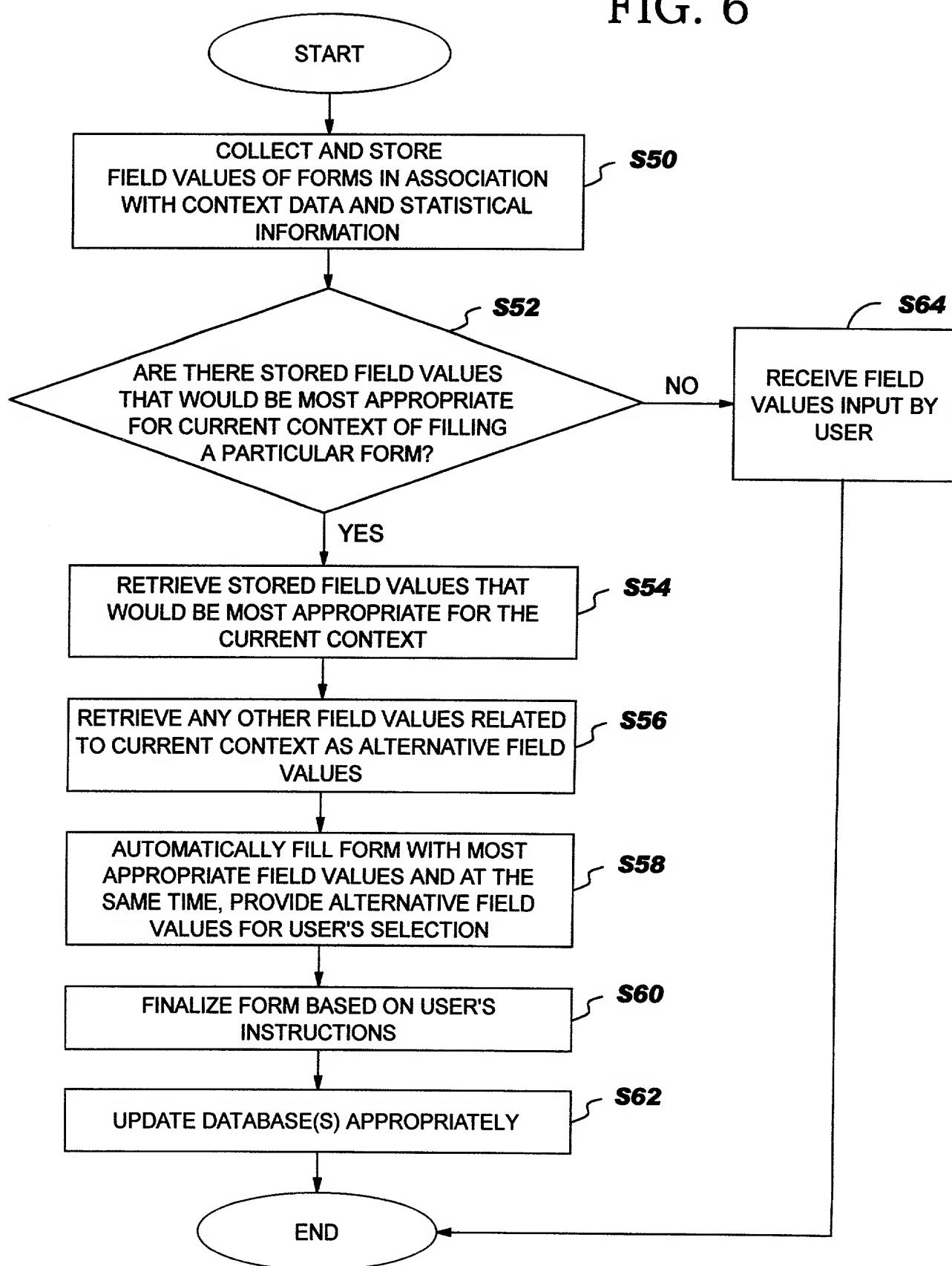


FIG. 7

